



Flow promoter and de-aerating agent for solvent-containing and solvent-free paint systems

Description

Borchi® Gol E2 is a paint additive for the improvement of flow properties and de-aeration of air-drying, stove-drying and catalysed paints. Blistering during preparation and surface defects caused by application are eliminated. **Borchi® Gol E2** is silicone-free.

Characteristic data

Appearance:	yellow - brownish, clear to cloudy liquid	
Colour, Gardner:	2 – 8	DIN ISO 4630 - 1981
Acid value, mg KOH/g:	max. 2	DIN 53402 - 1990
Density (20 °C), g/cm³:	0.87 – 0.91	DIN 51757 (A) - 1994
Viscosity (20 °C), mPa·s:	1,000 – 2,000	DIN ISO 3219 (A) - 1994
Flash point, °C:	> 61 (typical)	
Solvent:	mineral oil	

Properties

In solvent-containing and solvent-free paint systems, bubbles which form after application either do not burst at all or burst too late, giving rise to flow defects, craters and, in extreme cases, even bleeding through to the substrate.

Borchi® Gol E2 is a silicone-free, surface active, polymeric substance which helps to eliminate such problems.

Applications

Borchi® Gol E2 can be used in all solvent-containing and solvent-free, single- and multi-component paints. Factors affecting the efficacy of the surface-active substances, besides the type of binder used, are application and mixing conditions.

Use and Dosage

Borchi® Gol E2 can be added either to the mill base or to the finished paint. The necessary dosages range between 0.5 and 2.0 % **Borchi® Gol E2**, relative to total paint. Addition of excessive amounts may result in reduced film hardness, reduced adhesion, bleeding and therefore to problems with recoating.

In view of the specific efficacy of this paint additive, areas of application and optimum dosage are difficult to define precisely. We therefore recommend that the appropriate dosage for the particular purpose is determined before hand in trials.



Storage

Protect from the effects of weathering and store at temperatures between 5 and 30 °C.
Once opened, containers should be resealed immediately after each removal of the product.

Safety

Please refer to our safety data sheet for information relating to product safety.

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